



Washington State
Department of Transportation
Douglas B. MacDonald
Secretary of Transportation

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January 25, 2005

Mr. Dan Mathis
Division Administrator
Federal Highway Administration
711 South Capitol Way, Suite 501
Olympia, WA 98504-1284

Attn: Michael Kulbacki/Steve Saxton

SUBJECT: Blanket Approval for signal controller software

Dear Mr. Mathis,

The attached subject memorandum is to request approval to specify the proprietary signal controller software on upcoming projects. This is a blanket approval to cover multiple projects. Some of these projects will be Interstate New/Reconstruction and therefore the request requires FHWA approval.

Specifying this equipment is in the public's best interest to minimize maintenance costs and to ensure system connectivity.

If you have any questions on this information feel free to contact me at 705-7465.

Sincerely,

A handwritten signature in black ink, appearing to read 'John N. Drye'.

John N. Drye, P.E.
Assistant State Design Engineer

JND:ajb

Attachment: Approval Request Memorandum 1-19-05



January 19, 2004

TO: Jay Drye
Mail Stop 47330

THRU: Mike Williams/Dave Bellinger

FROM: Chad Hancock^{CH} – SW Region Traffic Engineer

SUBJECT: Request for Blanket Proprietary
Item – Signal Controllers Software

Currently the Southwest Region primarily uses McCain 170 controllers for use in their traffic signal systems. The 170 controllers have been around for several years. The supplier for the 170's will no longer be producing these controllers and the availability of parts will decrease. In addition, the older technology cannot manage the complex intersections that are being designed and constructed around the region.

The City of Vancouver hired a consultant to analyze several different controller and software packages for use in their 2070 controller signal systems. The City, in conjunction with the Southwest Region, chose the Naztec software that will be used in the controllers for their operation. The Streetwise software was selected for use in both PC and laptop applications for developing and downloading the timing into the controllers in the field. The use of these software packages will allow WSDOT controllers to communicate with the City's controllers to provide improved coordination between the jurisdictions for seamless vehicle movement. The Special Provisions for each contract will require the Naztec software package be installed into the controller prior to submitting it WSDOT for testing. The accompanying Streetwise software will be a one time licensing purchase for use on up to 10 signals in the Region. There is a potential that a statewide license could be purchased at some point in the future as additional signals are converted to the 2070 controllers. At this time there are no other interface issues with other agencies in the Southwest Region.

In the Southwest Region there are several different types of electronics components including, cameras, DMS's, signal controllers and software packages. Converting all signals to 2070's reduces our overhead in that reducing the number of systems we maintain will allow us to eliminate many of the spare parts that must be kept on hand. In addition, the fewer types of equipment and software that we maintain limit the amount of training required for our Transportation System Technicians as they do not have to familiarize themselves with several different systems.

Request for Blanket Proprietary
Item – Signal Controllers Software

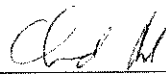
1/19/2005

The 2070 controllers would replace existing controllers as funding becomes available or other improvement projects are constructed. Because the type of controller software is a proprietary item, the Southwest Region is requesting a two-year approval for installation on all new contracts. We will continue to evaluate new products for use in the Region as they become available.

For the reasons as stated above, the Southwest Region is requesting a blanket approval to use the Naztec and Streetwise software packages, both of which are proprietary items. The lack of 170 support, cost, ability to coordinate and standardization make the use of the 2070 controllers as well as the Naztec and Streetwise software the most feasible and economical choice.

Requested By:

Date: SW 19th, 2005

By: 

Chad Hancock, P.E. – SW Region Traffic Engineer

HQ Concurrence

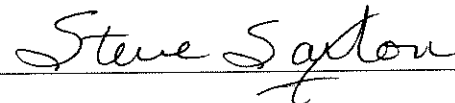
Date: 1/25/05

By: , P.E.
Assistant State Design Engineer

Expiration Date _____

FHWA Approval

Date: 1/27/05

By: 



U.S. Department of
Transportation

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Jay Drye, Asst. State

Remarks:

Design Eng.

- ☒ Per Your Request
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- ☐ Note and Return
- ☐ Discuss With Me
- ☐ For Your Approval
- ☐ For Your Signature
- ☐ Comment
- ☐ Take Appropriate Action
- ☐ Please Answer
- ☐ Prepare Reply For Signature Of

S.W. Region Blanket
Approval for signal
controller software

From: Name _____ Telephone _____ Org/Rtg Symbol _____

Steve Saxton

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